# METHOD AND SYSTEM FOR CREATING A DYNAMIC OGSI SERVICE PROXY FRAMEWORK USING RUNTIME INTROSPECTION OF AN OGSI SERVICE

ABSTRACT

A method and system for creating a dynamic client side service proxy framework using meta-data and introspection capabilities of Open Grid Services Architecture (OGSA) service data is disclosed. The system and method include defining an Open Grid Service Invocation Factory configured to create a service proxy and introspecting an Open Grid Service Infrastructure (OGSI) service based on information exposed by the service. An OGSI Service Invocation Proxy is created defining a set of dynamic interfaces based on service introspection and a meta-data inspection interface of the Service Invocation Proxy. The Service Invocation Proxy exposes both static port type interfaces and dynamic interfaces to support more flexibility of the client.